

# ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

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**Date/Time:** 2/21/05 / 0830

**Site Contact(s):** Mike Keating  
**Phone:** 303.996.4815

**Regulatory Contact:** Larry Kimmel Elizabeth Pottorff  
**Phone:** 303.312.6659 303.966.6758

**Agency:** USEPA CDPHE

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**Purpose of Contact:** B Ponds – Emergency Backfill B-2

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## Discussion

Over the previous weekend (2/19-2/20) the north and south side slopes at the east end of B-2 have become unstable. The slopes show up-slope cracks and bulging at the toe of the slope which are classic signs of a rotational failure. A geotechnical engineer from CH2M HILL has evaluated the situation and has recommended buttressing the slopes with backfill soil. This will minimize any additional soil movement.

We have collected all the confirmation samples from the east portion of the B-2 pond. The field screen results are as follows: CX46-000 at 4.75 pCi/g, CX46-002 at 0.0 pCi/g, CX46-003 at 0.0 pCi/g, CX46-008 at 0.0 pCi/g, CX46-006 and duplicate at 0.0 pCi/g, CX46-007 at 0.0 pCi/g, CX46-011 at 0.0 pCi/g, CX46-012 at 0.0 pCi/g, and CX46-013 at 0.0 pCi/g. CX45-001 at 0.0 pCi/g and CX46-001 at 1.66 pCi/g.

Due to the immediate safety hazards inherent with unstable slopes around the B-2 pond, Kaiser Hill intends to immediately backfill the lower portion of the east end of B-2 with clean on-site soil. This activity will help reduce the potential for a catastrophic slope failure. EPA and CDPHE agrees with this approach.

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**Contact Record Prepared By:** J. Michael Keating, P.E.

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## Required Distribution:

M. Aguilar, USEPA  
H. Ainscough, CDPHE  
S. Bell, DOE-RFPO  
J. Berardini, K-H  
B. Birk, DOE-RFPO  
L. Brooks, K-H ESS  
L. Butler, K-H RISS  
G. Carnival, K-H RISS

D. Mayo, K-H RISS  
J. Mead, K-H ESS  
S. Nesta, K-H RISS  
L. Norland, K-H RISS  
K. North, K-H ESS  
E. Pottorff, CDPHE  
A. Primrose, K-H RISS  
M. Roy, DOE-RFPO

## Additional Distribution:

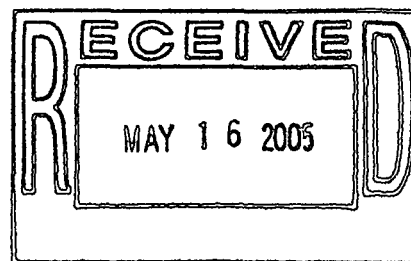
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ER Contact Record 6/20/02  
Rev. 1/17/05

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N. Castaneda, DOE-RFPO  
C. Deck, K-H Legal  
N. Demos, SSOC  
S. Gunderson, CDPHE  
M. Keating, K-H RISS  
G. Kleeman, USEPA  
D. Kruchek, CDPHE  
J. Legare, DOE-RFPO

R. Schassburger, DOE-RFPO  
S. Serreze, K-H RISS  
D. Shelton, K-H ESS  
C. Spreng, CDPHE  
S. Surovchak, DOE-RFPO  
J. Walstrom, K-H RISS  
K. Wiemelt, K-H RISS  
C. Zahm, K-H Legal

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